

EGGS FROM EAST AFRICA IN THE COLLECTION OF THE WESTERN  
FOUNDATION OF VETEBRATE ZOOLOGY, CALIFORNIA

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In February 1978, as the Nest Record Scheme Organizer of the East Africa Natural History Society, I received photocopies of all East African egg set data cards in the collection of the Western Foundation of Vertebrate Zoology, California, U.S.A. These data, comprising over 1200 clutches, have been mentioned in my last two annual reports (*Scopus* 1: 132-141, *Scopus* 2: 126-132).

Data are included for 168 species. Those from Tanzania or Uganda are indicated by using 'T' or 'U' in parentheses; all others are from Kenya. Most eggs were collected by Dr V.G.L. van Someren (VS) or Dr M.P.L. Fogden (F), and the comparatively few collected by others are indicated as miscellaneous (M).

Amongst these data there were various clutches already documented by Brown & Britton (1980), being already published in earlier definitive literature or otherwise made available for their study. These duplicated data, collected by van Someren, Sir Frederick J. Jackson and Capt. C.R.S. Pitman, have been excluded here, so that all data included may be regarded as additional to those already documented elsewhere. In presenting these data, the format is essentially that of my annual reports, with the emphasis on egg-laying dates rather than clutch size. For all records marked VS or M the date given is the date of collection, as the state of incubation was not noted; whereas for records marked F the month given is for egg-laying, computed with regard to the state of incubation.

*Struthio camelus* Ostrich: Talek River (Mara), 22 Sep 1953, 22 eggs, M.

*Podiceps cristatus* Great Crested Grebe: Lake Naivasha, Oct 1918, VS.

*Anhinga rufa* Darter: Entebbe (U), Apr 1925, M.

*Scopus umbretta* Hamerkop: Lake Naivasha, no date, M.

*Platalea alba* African Spoonbill: Kisumu, Sep 1917, VS.

*Anas undulata* Yellow-billed Duck: Kikuyu, Jul 1937, VS.

*Oxyura maccoa* Maccoa Duck: Lake Nakuru, Mar 1918; Kikuyu, Jul 1937, VS.

*Thalassornis leucotis* White-backed Duck: Kikuyu, Jul 1937, VS.

*Sagittarius serpentarius* Secretary Bird: Ngong, Sep 1941, VS. Molo, Jul 1959;

Wami Hills (Athi Plains), May 1940; Kenya (no locality), Jul 1941, M.

*Neophron monachus* Hooded Vulture: Ngong, Jun 1941, VS. Entebbe (U), no date; NW Uganda (no locality), Feb 1938, M.

*Gypaetus barbatus* Lammergeyer: Loldaiga Hills (nr. Nanyuki), no date, M.

*Circus ranivorus* African Marsh Harrier: Kenya (no locality), 11 Jun 1939, M.

*Polyboroides radiatus* Harrier Hawk: Machakos, Feb 1939; Kenya (no locality), Sep 1950, M.

*Terathopus ecaudatus* Bateleur: Karamoja (U), Dec 1955; Konza, Jun 1940, M.

*Accipiter tachiro* African Goshawk: Nairobi, Aug 1950; Nyeri, Sep 1950, M.

*Aquila rapax* Tawny Eagle: W of Ngong, Aug 1941, VS. Masai wheatlands (K), Jun 1943; Wami Hills, May 1940; Kijabe, Oct 1950; Konza, Jun 1939 and Jul 1940, M.

*Aquila verreauxi* Verreaux's Eagle: Lukenya, May 1944, M.

*Aquila wahlbergi* Wahlberg's Eagle: Mbarara (U), Sep 1944; Kenya (no locality), Oct 1926; Machakos, Oct 1950, M.

*Buteo augur* Augur Buzzard: Jinja (U), Dec 1913; Nakuru, May 1916; Lumbwa, Jul 1922, VS. Konza, Jun 1939 (2), Oct 1939; Kijabe, Oct 1950; no locality, Sep 1950, M.

*Buteo tachardus* Mountain Buzzard: Kijabe, Oct 1940; Molo, Jul 1959, M.

*Hieraaetus dubius* Ayres' Hawk Eagle: Londiani, Jun 1949, M.

*Melierax gabar* Gabar Goshawk: Ngong, Oct 1941, VS. Konza, Dec 1939, M.

*Scopus* 4: 79-83, December 1980

- Melierax poliopterus* Pale Chanting Goshawk: Machakos, Oct 1939, M.  
*Polemaetus bellicosus* Martial Eagle: Garissa, May 1936, M.  
*Haliaeetus vocifer* Fish Eagle: Lake Mobutu (U), Aug 1953; Lake Naivasha, Oct 1950 (egg addled, nest also contained  $\frac{1}{2}$  grown young), M.  
*Milvus migrans* Black Kite: Limuru, May 1921; Ngong, May 1945, VS. Entebbe (U), Mar 1939; Karamoja (U), Feb 1949; Kenya (no locality), Oct 1939; Kitale, Sep 1950, M.  
*Chelictinia riocourii* Swallow-tailed Kite: Northern Turkana, May 1944, M.  
*Elanus caeruleus* Black-shouldered Kite: Longonot, May 1952, M.  
*Falco ardosiaceus* Grey Kestrel: Mt Elgon (nr. Kitale), Mar 1952, M.  
*Falco cuvieri* African Hobby: Uganda (no locality), Mar 1945, M.  
*Francoelinus icterorhynchus* Heuglin's Francolin: Chagwe (U), Mar 1912, VS.  
*Numida meleagris* Helmeted Guineafowl: nr. Nairobi, Mar 1922, VS. Tabora (T), Apr 1900, M.  
*Limnocolax flavirostra* Black Crane: Mwanza (T), Apr 1947, M.  
*Eupodotis hartlaubi* Hartlaub's Bustard: Athi Plains, May 1937; Hola, Jan 1972, M.  
*Eupodotis melanogaster* Black-bellied Bustard: Wami Hills, Jun 1940, M.  
*Actophilornis africanus* Jacana: Kisumu, May 1942; Jinja (U), Aug 1920 (2), VS.  
*Charadrius pallidus* Chestnut-banded Sandplover: Lake Magadi, Jul 1917, May 1942, Jul 1942 (9), VS.  
*Charadrius pecuarius* Kittlitz's Sandplover: Lake Turkana, Apr 1934, VS.  
 Chambura GR (U), May (8), Aug (2), Sep 1970, F.  
*Vanellus armatus* Blacksmith Plover: Lake Magadi, Jul 1941, VS.  
*Vanellus coronatus* Crowned Plover: nr. Nairobi, Jul 1941 (3), VS. Athi Plains, Mar 1936; nr. Njoro, Jul 1974, M.  
*Vanellus melanopterus* Black-winged Plover: Nakuru, Jan 1941, VS.  
*Vanellus senegallus* Wattled Plover: West Nile (U), Apr 1949, M.  
*Vanellus spinosus* Spur-winged Plover: Jinja (U), Jul 1921, VS. Chambura GR, May 1970, F.  
*Burhinus capensis* Spotted Thicknee: Subukia, Jun 1935, VS. Mumandu, 1936, M.  
*Burhinus vermiculatus* Water Thicknee: Jinja (U), Jun 1918, VS. Mombasa, 1938, M. Chambura GR (U), Aug, Sep 1970, F.  
*Cursorius cursor* Cream-coloured Courser: Lokitaung (Turkana), Aug 1944, M.  
*Cursorius temminckii* Temminck's Courser: Tum (northern Kenya), Mar 1922, VS.  
*Rhynchops flavirostris* African Skimmer: Lake Turkana, Apr 1937, VS.  
*Pterocles gutturalis* Yellow-throated Sandgrouse: Olduvai (T), Jul 1935 (3), M.  
*Pterocles lichtensteinii* Lichtenstein's Sandgrouse: Olgerei River (? = Oleyapare River), Apr 1917, VS.  
*Streptopelia capicola* Ring-necked Dove: Kima, Jun 1946, M. Chambura GR (U), May 1970; Kigezi GR (U), Aug 1971, F.  
*Streptopelia senegalensis* Laughing Dove: Kibwezi, Dec 1967, M. Chambura GR (U), Mar, Apr, Aug (3), Sep (2) 1970 and May, Sep 1971; Kigezi GR (U), Sep 1970, F.  
*Treron waalia* Bruce's Green Pigeon: Nile Province (U), May 1909, M.  
*Chrysococcyx caprius* Didric Cuckoo: Kigezi GR (U), May 1970 (host *Ploceus nigerrimus* Vieillot's Black Weaver); Rwenzori NP (U), Mar 1970 (laid by bird which flew into laboratory and was caught by hand), F.  
*Chrysococcyx klaas* Klaas' Cuckoo: West of Nairobi, May 1941 (host *Nectarinia venusta* Variable Sunbird), VS.  
*Clamator glandarius* Great Spotted Cuckoo: Wami Hills, Oct 1939 (host *Corvus albus* Pied Crow), M.  
*Clamator jacobinus* Black and White Cuckoo: Konza, no date (host *Pycnonotus barbatus* Common Bulbul), M.  
*Centropus superciliosus* White-browed Coucal: Chambura GR (U), Sep, Nov 1970 and Sep 1971, F.  
*Bubo lacteus* Verreaux's Eagle Owl: Konza, Jun 1935, M.

- Otus scops* Scops Owl: Chagwe (U), Feb 1912, VS.  
*Caprimulgus clarus* Slender-tailed Nightjar: Nakuru, Jul 1947, VS.  
*Apus affinis* Little Swift: Lake Edward (U), Aug 1970, F.  
*Apus caffer* White-rumped Swift: Nairobi, May 1919, VS.  
*Apus niansae* Nyanza Swift: Nakuru, May 1917, VS.  
*Colius striatus* Speckled Mousebird: Chambura GR (U), Apr (2), Sep (3) 1970 and May (4), Aug 1971; Kigezi GR (U), Sep 1970 and Aug (2) 1971, F.  
*Urocolius macrourus* Blue-naped Mousebird: Chambura GR (U), Mar, Aug, Sep (2) 1970 and May (3), Aug, Sep (2) 1971, F.  
*Ispidina picta* Pygmy Kingfisher: Kigezi GR (U), Sep 1970, F.  
*Campethera abingoni* Golden-tailed Woodpecker: Diani (Kenya coast), Dec 1945, VS.  
*Mirafra africana* Rufous-naped Lark: Kigezi GR (U), Sep 1970, F.  
*Mirafra rufocinnamomea* Flappet Lark: Chambura GR (U), Sep 1971, F.  
*Hirundo abyssinica* Striped Swallow: Ngong, Jun 1941; Kisumu, Jun 1912 (2), VS.  
*Hirundo daurica* Red-rumped Swallow: Murang'a, May 1916; Kiambu, May 1921, VS.  
*Hirundo griseopyga* Grey-rumped Swallow: Kiambu, Jun 1916, VS.  
*Hirundo semirufa* Rufous-chested Swallow: Chambura GR (U), May 1971, F.  
*Riparia paludicola* African Sand Martin: Nairobi, May 1916, VS.  
*Dicrurus adsimilis* Drongo: Konza, no date, M.  
*Corvus albicollis* White-necked Raven: Machakos, Oct 1939, M.  
*Corvus albus* Pied Crow: Machakos, Oct 1944, VS. Wami Hills, Oct 1939, M.  
*Turdoides jardineii* Arrow-marked Babbler: Chambura GR (U), Aug (3), Sep (2), Oct 1970 and Mar, May (2) 1971, F.  
*Turdoides melanops* Black-lored Babbler: Naivasha, 2 Jul 1915 (also egg of cuckoo, ?*Cuculus solitarius*), and May 1928; Busoga (U), Apr 1912, VS.  
*Turdoides plebejus* Brown Babbler: Kisumu, May 1918, VS.  
*Turdoides rubiginosus* Rufous Chatterer: Tsavo, Apr 1921, VS.  
*Andropadus tephrolaemus* Mountain Greenbul: Rwenzori Mts (U), Oct 1970, F.  
*Phyllastrephus placidus* Olive Mountain Greenbul: Ngong, May 1941, Jun 1942, Jul 1943, VS.  
*Pycnonotus barbatus* Common Bulbul: Kiambu, Jul 1918, May 1919, Jun 1925; Ngong, May 1944; Mombasa area, May 1917, Apr 1920 (2), VS. Konza, no date and Jun 1936, M. Chambura GR (U), May (2), Aug (3), Sep (5), Oct 1970 and Mar, Apr, May (3) 1971, F.  
*Cercotrichas leucophrys* White-browed Scrub Robin: Chambura GR (U), May 1971, F.  
*Cossypha caffra* Robin Chat: Kiambu, Apr 1922; Kabete, May 1932, VS.  
*Cossypha heuglini* White-browed Robin Chat: Chambura GR (U), Aug (2), Sep (2) 1970 and Mar, May (2), Aug (2), Sep 1971, F.  
*Cossypha niveicapilla* Snowy-headed Robin Chat: Chambura GR (U), Sep 1971, F.  
*Oenanthe lugens* Mourning Wheatear: Kikuyu Escarpment, Apr 1942, VS.  
*Turdus pelios* African Thrush: Chagwe (U), May 1922, VS. Chambura GR (U), Sep 1970, F.  
*Acrocephalus gracilirostris* Lesser Swamp Warbler: Jinja (U), Apr ?, VS.  
*Apalis cinerea* Grey Apalis: Ngong, Apr 1942, VS.  
*Apalis pulchra* Black-collared Apalis: Ngong, May 1944, VS.  
*Bradypterus baboecala* Little Rush Warbler: Kigezi GR (U), Aug, Sep 1970, F.  
*Cameroptera brachyura* Grey-backed Cameroptera: Chambura GR (U), Mar, Apr 1970, F.  
*Cisticola brunescens* Pectoral-patch Cisticola: Ngong, Jun (2) 1935, VS.  
*Cisticola cantans* Singing Cisticola: Nairobi, Apr 1913; Kiambu, Jun 1917, May (2), Jun 1920, May 1921 and Jun 1936, VS.  
*Cisticola carruthersi* Carruthers' Cisticola: Kisumu, Jul 1913, VS.  
*Cisticola chiniana* Rattling Cisticola: Athi River, May (2) 1946; Sultan Hamud, May 1941, VS.  
*Cisticola galactotes* Winding Cisticola: Chambura GR (U), May 1970; Kigezi GR

- (U), May, Aug, Sep (2), Oct 1970, F.
- Cisticola juncidis* Zitting Cisticola: Chambura GR (U), Aug, Sep (2) 1970, F.
- Cisticola natalensis* Croaking Cisticola: Chambura GR (U), Oct 1970, F.
- Cisticola woosnami* Trilling Cisticola: Chambura GR (U), Sep 1971, F.
- Eminia lepida* Grey-capped Warbler: Chambura GR (U), Aug, Sep 1970 and Apr, Sep 1971, F.
- Prinia subflava* Tawny-flanked Prinia: near Nairobi, Apr 1920, May 1922, Mar 1941, Apr 1942, VS. Kigezi GR (U), Apr, May 1970; Chambura GR (U), Oct 1970, F.
- Sylvietta brachyura* Northern Crombec: Chambura GR (U), Jun, Sep 1970, F.
- Sylvietta leucophrys* White-browed Crombec: Ngong, Jul 1943, VS.
- Melaenornis chocolatina* White-eyed Slaty Flycatcher: Ngong, Apr 1943, VS.
- Melaenornis edolioides* Black Flycatcher: Chambura GR (U), May 1971, F.
- Muscicapa aquatica* Swamp Flycatcher: Chambura GR (U), Nov 1970, F.
- Platysteira cyanea* Wattle-eye: Chambura GR (U), Aug 1971, F.
- Typstiphone viridis* Paradise Flycatcher: Chagwe (U), May 1912, Jun 1916, VS.
- Macronyx croceus* Yellow-throated Longclaw: Chambura GR (U), Sep (2), Oct 1970, F.
- Dryoscopus cubla* Black-backed Puffback: Diani (Kenya coast), Dec 1945, M.
- Laniarius barbarus* Black-headed Gonolek: Chambura GR (U), Apr, May, Sep, Oct 1970 and May (2), Aug (2) 1971, F.
- Laniarius ferrugineus* Tropical Boubou: Chambura GR (U), Sep 1971, F.
- Laniarius funebris* Slate-coloured Boubou: Konza, May 1940, M.
- Tchagra australis* Brown-headed Tchagra: Ngong, Apr 1944, VS. Chambura GR (U), Sep 1971, F.
- Tchagra senegala* Black-headed Tchagra: Ngong, May 1947, VS. Mumandu, Apr 1942, M. Chambura GR (U), Aug 1970, F.
- Lanius cabanisi* Long-tailed Fiscal: Mumandu, Jun 1940, M.
- Lanius collaris* Fiscal: Mumandu, May (2) 1940, M.
- Eurocephalus rueppelli* White-crowned Shrike: Mumandu, Apr 1942, M.
- Lamprolornis chalybaeus* Blue-eared Glossy Starling: Samburu (SE Kenya), Jun
- Spreo superbus* Superb Starling: Kiu (Machakos), Apr 1922, VS [1921, VS.
- Anthreptes collaris* Collared Sunbird: Kiambu, Apr 1916, May 1920; Nairobi, Mar 1914, May 1916, VS.
- Nectarinia bifasciata* Little Purple-banded Sunbird: Chambura GR (U), Aug (2), Sep (4) 1970, F.
- Nectarinia cuprea* Copper Sunbird: Chambura GR (U), Sep (3), Oct, Nov 1970, F.
- Nectarinia erythroceria* Red-chested Sunbird: Chambura GR (U), Mar, May (2), Aug (2), Sep (18), Oct (5), Nov (2) 1970, F.
- Nectarinia mariquensis* Mariqua Sunbird: Chambura GR (U), Aug, Sep 1970, F.
- Nectarinia purpureiventris* Purple-breasted Sunbird: Rwenzori Mts (U), Oct, Nov 1970, F.
- Nectarinia regia* Regal Sunbird: Rwenzori Mts (U), Oct 1970, F.
- Nectarinia reichenowi* Golden-winged Sunbird: Nakuru, Jan 1913, VS.
- Nectarinia senegalensis* Scarlet-chested Sunbird: Chambura GR (U), Sep 1970, F.
- Nectarinia venusta* Variable Sunbird: Kiambu, Jun 1915, Jun 1916, Jul 1917, VS.
- Zosterops poliogastra* Montane White-eye: Ngong, Apr 1941, VS.
- Amblyospiza albifrons* Grosbeak Weaver: Fort Ternan, Jul 1912 (2); Mt Elgon, May 1917 (4); Nairobi, May 1918, VS. Chambura GR (U), Oct 1970; Kigezi GR (U), Apr 1970, F.
- Euplectes ardens* Red-naped Widowbird: Kiambu, May 1915 (3), Apr 1916, VS.
- Euplectes axillaris* Fan-tailed Widowbird: Kigezi GR (U), Oct 1970, F.
- Euplectes capensis* Yellow Bishop: Machakos, Feb 1944; Kiambu, Apr 1923, VS.
- Euplectes orix* Southern Red Bishop: Kigezi GR (U), Apr (5), May (5) 1970, F.
- Ploceus alienus* Strange Weaver: Rwenzori Mts (U), Jun, Oct 1970, F.
- Ploceus baglafaecht* Baglafaecht Weaver: race *reichenowi*, Murang'a, May 1916 (3); Kiambu, May 1924; Nairobi, Apr 1918, Mar 1937, VS. Race *stuhlmanni*, Chambura GR (U), Aug 1970, May 1971, F.

- Ploceus castanops* Northern Brown-throated Weaver: Kigezi GR (U), Mar, Apr, May (3), Aug, Sep (5) 1970 and Aug 1971; Chambura GR (U), Aug, Sep (9), Oct (2) 1970, F.
- Ploceus cucullatus* Black-headed Weaver: Nairobi, Apr 1916 (3), VS. Chambura GR (U), Sep 1970 (12 clutches from one colony), F.
- Ploceus intermedius* Masked Weaver: near Kilifi, Apr 1919, VS. Chambura GR (U), Apr (2), May, Aug (3), Sep (9) 1970, F.
- Ploceus jacksoni* Golden-backed Weaver: Kenya (Kamgole Swamp, untraced), Jul 1949 (2), VS.
- Ploceus melanocephalus* Yellow-backed Weaver: Kisumu, May 1912, VS. Chambura GR (U), Mar, Apr (6), May (14), Aug (3), Sep 1970; Kigezi GR (U), Sep (3) 1970, F.
- Ploceus nigerrimus* Vieillot's Black Weaver: Chagwe (U), Apr (2), May (2) 1912, VS. Chambura GR (U), Sep 1970; Kigezi GR (U), Apr (12), May (7), Sep (3) 1970, F.
- Ploceus nigricollis* Black-necked Weaver: Kigezi GR (U), Apr (6), May (24), Sep (5), Oct 1970, F.
- Ploceus ocularis* Spectacled Weaver: Chambura GR (U), Mar (2), Apr (3), May (4), Jun, Aug (5), Sep (3) 1970, F.
- Ploceus pelzelni* Slender-billed Weaver: Chambura GR (U), Mar (2), Apr (5), May, Aug (2), Sep (3), Oct (3) 1970; Kigezi GR (U), Apr (4), May (3) 1970, F.
- Ploceus xanthops* Holub's Golden Weaver: Chambura GR (U), Sep (7), Oct (10) 1970; Kigezi GR (U), Apr (3), Aug (2), Sep (4), Oct 1970, F.
- Passer motitensis* Rufous Sparrow: Nairobi, Jun 1941, M.
- Sporopipes frontalis* Speckle-fronted Weaver: Ishiara (Embu), Jul 1941, M.
- Vidua macroura* Pin-tailed Whydah: Kigezi GR (U), Apr 1970 (host *Estrilda paludicola* Fawn-breasted Waxbill), F.
- Estrilda paludicola* Fawn-breasted Waxbill: Kigezi GR (U), Apr 1970 (parasitized by *Vidua macroura* Pin-tailed Whydah), F.
- Pytilia melba* Green-winged Pytilia: Chambura GR (U), Apr, May 1970 and May (6), Jun 1971, F.
- Amadina facia* Cut-throat: Ngong Escarpment, Jul 1941; Magadi, Jul 1941 (3), VS.
- Lonchura bicolor* Black and White Mannikin: Nairobi, Mar (2) 1915, VS. Kigezi GR (U), Oct 1970, F.
- Lonchura cucullata* Bronze Mannikin: Chambura GR (U), May, Sep (2), Oct 1970; Kigezi GR (U), May 1970; Toro (U), Apr 1970, F.
- Lonchura malabarica* Silver-bill: Magadi, Jul (4), Aug 1941, VS.
- Emberiza flaviventris* Golden-breasted Bunting: Ngong, Apr 1937, VS. Chambura GR (U), Aug, Sep, Oct 1970 and May 1971, F.
- Serinus atrogularis* Yellow-rumped Seed-eater: Kiambu, Jun 1917, May 1918, Jun 1922, VS.
- Serinus burtoni* Thick-billed Seed-eater: near Nairobi, May 1933, VS.
- Serinus mozambicus* Yellow-fronted Canary: Chambura GR (U), Aug 1970 and Aug 1971, F.
- Serinus striolatus* Streaky Seed-eater: Kiambu, Jun 1919, Jun 1921 (2), Jun 1922, VS.
- Serinus sulphuratus* Brimstone Canary: Chambura GR (U), May, Jul 1971, F.

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## REFERENCE

BROWN, L.H. & BRITTON, P.L. 1980. *The breeding seasons of East African birds*. Nairobi: EANHS.

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